



CONSTRUCTION DETAILS

- INSTALL 12 IN. X 30 FT. STEEL STRAIN POLE WITH POLE MOUNTED PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND 20 FT. LIGHTING ARM AND 250 WATT HIGH PRESSURE SODIUM VAPOR LUMINAIRE AS SHOWN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL 10 FT. BREAKAWAY PEDESTAL POLE WITH PEDESTRIAN SIGNAL HEAD, PUSH BUTTON, AND 20-30 SIGN (NOTE: 1-2 IN. SCHEDULE 40, 90 DEGREE POLYVINYL CHLORIDE CONDUIT BEND.)
- INSTALL 3/4 IN. STEEL SPAN WIRE, AND SIGNAL HEADS.
- INSTALL 3/4 IN. STEEL SPAN WIRE, SIGNAL HEADS, AND SIGNS.
- INSTALL 6 FT. X 30 FT. QUADRUPOLE (3-6-3) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL 6 FT. X 6 FT. QUADRUPOLE (4 TURNS) TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING.
- INSTALL HANDHOLE.
- INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT (DETECTOR WIRE SLEEVE).
- INSTALL 2 IN. SCHEDULE 40 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (TRENCHED).
- INSTALL 2 IN. SCHEDULE 80 RIGID POLYVINYL CHLORIDE ELECTRICAL CONDUIT (SLOTTED).
- INSTALL 24 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (STOPLINE).
- INSTALL 12 IN. WHITE PERMANENT PREFORMED PAVEMENT MARKING TAPE (CROSSWALK).
- REMOVE EXISTING SIGNAL POLE, SIGNAL HEADS, SIGNS, AND FOUNDATION 12 IN. BELOW GRADE.
- CAP AND ABANDON EXISTING CONDUIT.
- INSTALL SPLICE KIT FOR EXISTING LOOP WIRE TO NEW 2-CONDUCTOR ALUMINUM SHIELDED CABLE.
- USE EXISTING CONDUIT.
- INSTALL TEMPORARY BACK GUYS (2 PER POLE) REMOVE UPON COMPLETION OF CONSTRUCTION.
- REMOVE EXISTING HANDHOLE.
- INSTALL SIGNAL HEAD AND SIGN ON EXISTING SPAN WIRE.

NOTES:

- GEOMETRICS SHALL BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- LOOP DETECTORS AND CONDUITS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES TO VERIFY THE LOCATION OF ALL UTILITIES.
- PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
- PROPOSED OVERHEAD LUMINAIRE MUST BE FULL CUT OFF.
- D.O. DENOTES DELAY OUTPUT LOOP DETECTOR.
- WHEN INSTALLING THE SIGNAL HEADS, THE CONTRACTOR MUST LEAVE ENOUGH CABLE TO RELOCATE THEM FOR MAINTENANCE OF TRAFFIC

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	_____	A
ELECTRICAL	_____	E
TELEPHONE	_____	T
GAS	_____	G
SEWER	_____	S
WATER	_____	W
CABLE TV	_____	TV

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REVISIONS	APPROVALS	REVISIONS
1. AUGUST 1997 REVISION OF SOUTBOUND MD 129 (PARK HEIGHTS AVE.)	ASST. DIVISION ENGINEER ASST. DISTRICT ENGINEER, TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY	RED LINE REVISION NO. 16 SEPTEMBER 5, 1997



Maryland Department of Transportation State Highway Administration

OFFICE OF TRAFFIC AND SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION PLAN

MD 129 (PARK HEIGHTS AVENUE) AND
HOOK'S LANE / MICHELLE WAY

DATE: 9-17-97	DRAWN BY: W.J. NIES	F.A.P. NO. SEE TITLE SHEET	PLAN SHEET NO. 1	SHEET NO.
SCALE: AS SHOWN	DESIGNED BY: R.R. ZACHERL	S.H.A. NO. B 977-502-472	TS-2444C	211H of 654
APPROVED BY: [Signature]	CHECKED BY: D.D.J.	COUNTY BALTIMORE		

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